

Title (en)
Inverter system having a safety module

Title (de)
Umrichtersystem mit Sicherheitsmodul

Title (fr)
Système d'onduleur ayant un module de sécurité

Publication
EP 2541349 A3 20150506 (EN)

Application
EP 12169695 A 20120529

Priority
JP 2011133925 A 20110616

Abstract (en)
[origin: EP2541349A2] An inverter system 2 is a system including a communication module 21 having a communication function carrying out transmission and reception of communication data with an external controller 1 through a network 3, a control unit 24 outputting a control signal to an electric power converter 23 on the basis of the communication data, and a safety module 22 having a safety function established by the communication data, in which system the communication module 21 is provided with a central processing unit 21b so that a part of the safety function of the safety module 22 is executed by the central processing unit 21b. Thus, the inverter system 2 is provided as an inverter system in which the number of central processing units for carrying out safety processing can be reduced.

IPC 8 full level
G05B 19/042 (2006.01); **H02H 7/122** (2006.01)

CPC (source: EP)
G05B 19/0425 (2013.01); **Y02P 90/02** (2015.11)

Citation (search report)

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Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2541349 A2 20130102; EP 2541349 A3 20150506; EP 2541349 B1 20200506; JP 2013005577 A 20130107; JP 5830952 B2 20151209

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